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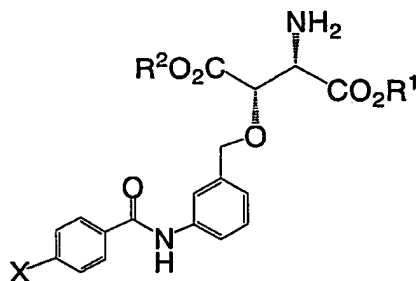
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(54) Title: **RADIOLABELED 3-[3-(BENZOYL-AMIDO)BENZYLOXY]ASPARTIC ACID DERIVATIVE AND METHOD OF
PRODUCING THE SAME**



(1)

(57) Abstract: The present invention provides a
radiolabeled ligand which is highly selective and potent
for glutamate transporters and is usable in specifically
detecting the glutamate transporter. Specifically, the
present invention provides a 3-[3-(benzoylamido)ben-
zyloxy]aspartic acid having a radioactive substituent on
the benzoyl group which is represented by the following
formula (1), or an ester or salt thereof: (1) wherein X
represents a substituent containing a radioactive atom(s)
which is selected from a straight or branched lower
aliphatic alkyl group, a hydroxyl group, a straight or
branched lower aliphatic alkoxy group, an amino group,
a straight or branched lower aliphatic acylamido group, a

halogen atom and a straight or branched lower aliphatic haloalkyl group; and R1 and R2 each represents a hydrogen atom, a straight
or branched lower aliphatic alkyl group or an acetoxymethyl group.